

To: (b) (6)
From: 25x'25
Sent: Fri 2/15/2013 4:30:11 PM
Subject: Weekly REsource for February 15, 2013
MAIL_RECEIVED: Fri 2/15/2013 4:30:14 PM
[mime.htm](#)
[Facebook page](#)
[Twitter](#)
[The Role of Bioenergy in America's Energy Future](#)
[Hotspot](#)
[Read more...](#)
[Hotspot](#)
[Mississippi Moving Forward on Strong Energy Efficiency Initiatives](#)
[Energy Works: Mississippi's Energy Roadmap](#)
[Read more...](#)
[breakdown](#)
[H.R. 267](#)
[calculator](#)
[website](#)
[10 Huge Lessons We've Learned From Solar Power Success In Germany](#)
[Energy Innovation and Public Funding](#)
[New Carbon Films Improve Prospects of Solar Energy Devices](#)
[Obama and the Reinvention of Energy Efficiency](#)
[Residential Solar Energy More Viable Than Ever](#)
[Solar Power Makes Its Mark on Carbon Capture](#)
[Solar Power Sees Cheaper Prices](#)
[Weighing Obama's SOTUS Proposal: More Oil Drilling to Fund Clean Energy?](#)
[Wind Energy Jobs Trickle Back Post Wind Tax Credit Extension](#)
[Wind Power Capacity Grew 20% Globally in 2012, Figures Show](#)
[Wind Power Is Now Cheaper Than Coal in Some Countries](#)
[Wind Tops U.S. Sources of New Electricity Generation in 2012](#)
[here](#)
[Hotspot](#)
[Hotspot](#)
[Facebook](#)
[Twitter](#)
[Hotspot](#)
[here](#)

The 25x'25 Weekly REsource is a digest that features items from this week's blog site, the 25x'25 REsource, and other sources. The 25x'25 REsource and the 25x'25 Weekly REsource complement the role of 25x'25 as an objective and trusted source of information on agricultural and forestry renewable energy and climate solutions. Also, visit us at our Facebook page and follow us on Twitter.

Our Featured Blogs

The Role of Bioenergy in America's Energy Future

President Obama's State of the Union remarks this week that tied clean energy with a strong economy struck a resonant chord with renewable energy stakeholders. While the president acknowledged the need for domestic oil production, and gave a strong nod to the growing development and benefits of U.S. natural gas resources in helping make this country energy self-sufficient, he has long advocated a wide array of resources and technologies to meet our energy needs, including bioenergy. The administration's support for bioenergy is most welcome at a time when few policy makers appreciate or value the tremendous economic, national security and environmental improvements that bioenergy solutions can provide. There is much work to be done by the bioenergy sector to restore the profile of this valuable energy source to a level commensurate with its value to the nation. [Read more...](#)

Mississippi Moving Forward on Strong Energy Efficiency Initiatives

The following guest blog from Karen Bishop, director of the Mississippi Development Authority's (MDA's) Energy and Natural Resources Division, brings a focus on state efforts to incorporate energy-efficiency initiatives.

At a time of uncertainty at the federal level on the issue of energy policy, officials in Mississippi are actively working to advance energy-based economic development initiatives in the state. In October 2012, Gov. Phil Bryant rolled out his state energy plan, Energy Works: Mississippi's Energy Roadmap, which outlines a strategy to increase energy-based economic development in the state. The roadmap highlights energy efficiency as a principle area of focus, with the Mississippi Development Authority's Energy and Natural Resources Division promoting the efficient use of energy by state agencies and commercial structures, and undertaking an analysis that could lead to the adoption of efficiency programs and standards in the state. [Read more...](#)

News of Note

Renewable Energy Leaders React Favorably to President's Clean Energy Goals

President Obama used his State of the Union message this week to promise his administration would "speed the (nation's) transition to more sustainable sources of energy."

He said that when he first took office in 2009, "other countries dominated the clean energy market and the jobs

that came with it." But he said that scenario is changing, citing a wind industry that generated nearly half of all new power capacity in America last year, and citing falling solar power prices.

"As long as countries like China keep going all in on clean energy, so must we," Obama said.

Tom Buis, the CEO of Growth Energy, an ethanol manufacturers trade group, said the president outlined "ambitious policy goals for renewable energy," adding that "reducing our dependence on fossil fuels and foreign oil is imperative for developing a sustainable, cleaner fuel for the future."

Buis said that with a "renewed emphasis on sustainable biofuels, our industry will continue to create good paying jobs that cannot be outsourced, revitalize our economy, drive cutting edge research and investment, as well as provide consumers with a choice and savings at the pump, all while reducing our dangerous dependence on foreign oil that costs taxpayers and our military billions."

Bob Dinneen, president and CEO of the Renewable Fuels Association, said biofuels "can provide the eco-boost the U.S. economy needs," citing ethanol's role in "driving economic growth and job creation, especially in rural America."

Dinneen said the ethanol industry "is grateful to President Obama for his vision of a stronger, cleaner, more self-reliant country and his continuing support of the renewable fuels industry and the Renewable Fuel Standard."

Offering similar sentiments was Anne Steckel, vice president of federal affairs at the National Biodiesel Board. She cited the president's "continued focus on climate," stating the biodiesel industry is poised to play a growing role in cutting greenhouse gas emissions.

"Biodiesel is a practical, cost-effective and bipartisan solution that's here today to address this problem," Steckel said. "President Obama has already proven his strong support for American-made renewable fuels, and we think there is tremendous potential for increasing the role our industry can play."

Biomass Power Association President and CEO Bob Cleaves said the president's second-term agenda, as laid out in the State of the Union address, "contains many initiatives that will benefit the biomass industry. Tax and energy reform, as well as policies to address climate change, will enhance the ability of the biomass industry to serve the nation as a reliable, dependable, renewable energy source."

Cleaves used the occasion to call for a tax code that is "fair and equal for all energy sources," calling for the long-term extension of tax benefits for sustainable energy sources, "so that biomass and other industries can begin to plan for a more stable and productive future."

AWEA Interim CEO Rob Gramlich commended the president for calling on Congress to make the federal renewable energy Production Tax Credit "permanent and refundable, as part of comprehensive corporate tax reform, providing incentives and certainty for investments in new clean energy."

He expressed the industry's gratitude for the president's recognition of the sector's contribution to the nation's electric capacity, noting that "wind power is one of the most beneficial and cost-effective greenhouse gas mitigation technologies available to our nation."

He said utility-scale wind power "was invented here, and increasingly the parts are made-in-the-United States. Domestic content in the U.S. industry is up to nearly 70 percent, from 25 percent just a few years ago. That has created 30,000 American jobs in wind manufacturing, and further brought down the cost of wind energy."

Rhone Resch, president and CEO of the Solar Energy Industries Association, said the president "laid out a vision for the American energy economy that is in line with what SEIA is working to achieve – a robust clean energy industry that powers our homes and businesses while growing our economy and protecting our environment."

Noting that energy "is a primary input to our nation's economic system," Resch said it was "appropriate that President Obama is placing emphasis on developing our nation's robust clean energy resources to help rebuild the nation's economy."

He said the solar industry was "especially encouraged by the president's commitment to securing America's place as a leader in clean energy innovation throughout the world," echoing the president's sentiment that the United States "must not fall behind other nations as the world shifts to emissions-free clean energy technologies," including solar.

RPS Battleground in Kansas Draws Focus on "Inflated" Claims of Opposition Studies

Reports that the Kansas legislature is to consider legislation repealing the state's Renewable Portfolio Standard (RPS), which requires utilities to generate 20 percent of their electricity from renewable resources by 2020, is prompting a number of rebuttals to economic assertions made in support of repeal.

Kansas is one of 13 states where highly similar studies have been conducted by the Beacon Hill Institute, of Boston's Suffolk University, that the portfolio standard drive up electricity prices, and therefore act as a drag on a state's economy.

Most of the studies are jointly published with other organizations. In Kansas, the Kansas Policy Institute (KPI), which describes itself as "an independent think-tank that advocates for free market solutions and the protection of personal freedom for all Kansans," released a Beacon Hill-based report that claimed the state's 2009 RPS law will raise the cost of electricity by 45 percent in 2020, harm the state's economy, lower employment and decrease investment.

The KPI-Beacon Hill study, like those generated for other states and using essentially the same methodology, has come under critical attack, with a number of experts complaining that it exaggerates the expected cost for renewable power above mainstream forecasts, while maintaining fossil fuel power costs at or below those forecasts. The study then takes the inflated difference and converts it into an increase in customer electricity bills, escalating that increase over time, depending on the individual state's RPS targets.

The Beacon Hill studies go on to argue that the rising electricity costs constitute a state economy-wide "sales tax," which allows Beacon Hill to use a non-transparent economic model to quantify the economic effects of this new "tax," including job losses, and income and investment reductions in an individual state.

However, a breakdown of the Beacon Hill studies done by Cai Steger, an energy analyst with the Natural Resources Defense Council, says they apply "a one-sided methodology, driven by the selective picking of outlier studies and data to argue for an unrealistically high cost of renewables and low cost of fossil fuels, while ignoring all elements that could bring the cost of renewables down or fossil prices up."

Steger says the reports ignore any benefits generated by more clean energy, such as lower electricity prices, cleaner air, local job creation, increased lease payments to landowners and increased local tax revenues.

"The end result of the Beacon Hill methodology is an inaccurate, one-sided, cookie cutter study repeated across states and weighted to produce only one conclusion: renewable portfolio standards are bad for a state's economy," Steger concludes. "Given the importance of ensuring a diverse energy future alongside a healthy, growing economy, and the importance of state RPS policies to those efforts, it is critical that [states] have a more reasoned and fair approach to this type of analysis."

When the KPI-Beacon Hill study was released last year, the Wichita Eagle reported that, for example, the state's Gray County will collect \$1.2 million in taxes annually from wind turbines, while landowners there will earn more than \$2 million per year over the life of the wind projects, which typically run 20 to 25 years.

Advocates of the RPS in Kansas say it is a "pro-growth" policy while generating revenue that allows rural municipal governments to provide high quality services. They note that the state doubled installed wind capacity in 2012,

moving the state from 14th nationally for installed wind energy into the top 10. Kansas ranks second among all states in potential capacity.

State leaders also point out that the legislation establishing the RPS in Kansas allows utilities to waive compliance if it would cause more than a 1 percent increase in electricity costs.

House Unanimously Approves Measure Boosting Hydropower

Legislation that would encourage small hydropower development and expedite permits for other projects was unanimously approved by the House this week.

The legislation, The Hydropower Regulatory Efficiency Act, H.R. 267, would facilitate the development of small hydropower by exempting "conduits" such as canals, aqueducts and tunnels from federal licensing requirements. It would also boost the power level that requires licensing from 5,000 kilowatts to 10,000.

The measure also calls on the Federal Energy Regulatory Commission to study the feasibility of streamlining the permitting process for larger projects by putting a two-year cap on the permitting process, which currently stands at about five years. The hydropower industry says the short permitting process will boost investment.

A similar measure passed the House in the last Congress, but failed to get to the Senate floor.

Bill co-sponsor, Rep. Cathy McMorris Rodgers, (R-WA), said the measure "streamlines the hydropower permitting process, reducing the burdens impeding developments, and getting low cost power to communities faster."

The National Hydropower Association has said that expediting licensing would add some 60,000 megawatts of hydropower by 2025.

The bill has the support of others in the renewable energy sector due to another provision that would cap the permitting timeline for closed-loop pump storage, a technology that stores energy from intermittent power sources such as wind and solar.

American Rivers, an environmental advocacy group, says the bill would promote small projects that have no effect on surrounding habitat.

McMorris said that hydropower "plays a crucial role in Eastern Washington – whether it's conventional, small, or conduit hydro.

"In fact, hydropower provides 75 percent of electricity to Eastern Washington and to the Pacific Northwest region," she said. "While there are a vast array of renewable energies – including solar, wind, and nuclear power – in my opinion, the facts are clear: the future of American energy independence depends on the development of an 'all of the above' energy approach, including hydro."

She said the bill "is timely and targeted and will create jobs and bolster America's competitiveness in the energy sector."

The measure has bipartisan support. Other sponsors include Reps. John Dingell, D-MI; Bob Latta, R-OH; Ben Ray Lujan, D-NM; Lee Terry, R-NE; Ed Markey, D-MA; Cory Gardner, R-CO; Jim Matheson, D-UT; and Rep. Greg Walden, R-OR.

ACEEE Releases Energy Efficiency and Pollution Control Calculator

To help meet these demands, the American Council for an Energy-Efficient Economy this week released a tool the group says gives users an idea of the costs and air quality benefits of some basic energy efficiency policies. The calculator also allows users to compare those options with more piecemeal approaches to reducing air pollution.

In announcing the calculator, the group cites the expectation of a host of federal clean air regulations that will impose restrictions on the emissions of multiple pollutants from stationary sources such as power plants and industrial facilities. The regulations create a demand for low-cost and rapidly deployable emissions reduction measures and energy efficiency proves to be the least-cost resource when compared with new electricity generation.

The Energy Efficiency and Pollution Control Calculator (EEPC), ACEEE says, is intended to help policymakers, state governments, utility operators and other stakeholders estimate the multi-pollutant air quality benefits of energy efficiency policies and compare both the benefits and the costs with more traditional approaches to reducing pollution.

The group says the results provided by the tool are high-level estimates intended to provide the user with an idea of the magnitude of the costs and the impacts of those options on energy use and pollution.

In the coming months, says ACEEE, additional materials, information, and support will be provided to those working on the clean air issues through the organization's website.

Headlines of Note for the Week Ending Feb. 15, 2013

News of interest to our 25x'25 Partners and advocates for a clean energy future:

10 Huge Lessons We've Learned From Solar Power Success In Germany
Energy Innovation and Public Funding
New Carbon Films Improve Prospects of Solar Energy Devices
Obama and the Reinvention of Energy Efficiency
Residential Solar Energy More Viable Than Ever
Solar Power Makes Its Mark on Carbon Capture
Solar Power Sees Cheaper Prices
Weighing Obama's SOTUS Proposal: More Oil Drilling to Fund Clean Energy?
Wind Energy Jobs Trickle Back Post Wind Tax Credit Extension
Wind Power Capacity Grew 20% Globally in 2012, Figures Show
Wind Power Is Now Cheaper Than Coal in Some Countries
Wind Tops U.S. Sources of New Electricity Generation in 2012

UPCOMING EVENTS

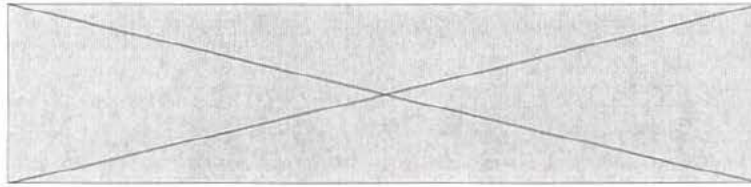
Other events of interest to 25x'25 partners and other renewable energy stakeholders can be found by clicking [here](#).

25x'25 SPONSORS

Join us on Facebook and follow us on Twitter!

25x'25 Alliance | 1430 Front Avenue | Lutherville | MD | 21093

To unsubscribe from this newsletter, please [click here](#).



The 25x'25 Weekly REsource is a digest that features items from this week's blog site, the 25x'25 REsource, and other sources. The 25x'25 REsource and the 25x'25 Weekly REsource complement the role of 25x'25 as an objective and trusted source of information on agricultural and forestry renewable energy and climate solutions. Also, visit us at our [Facebook page](#) and follow us on [Twitter](#).

Our Featured Blogs

[The Role of Bioenergy in America's Energy Future](#)

President Obama's State of the Union remarks this week that tied clean energy with a strong economy struck a resonant chord with renewable energy stakeholders. While the president acknowledged the need for domestic oil production, and gave a strong nod to the growing development and benefits of U.S. natural gas resources in helping make this country energy self-sufficient, he has long advocated a wide array of resources and technologies to meet our energy needs, including bioenergy. The administration's support for bioenergy is most welcome at a time when few policy makers appreciate or value the tremendous economic, national security and environmental improvements that bioenergy solutions can provide. There is much work to be done by the bioenergy sector to restore the profile of this valuable energy source to a level commensurate with its value to the nation. [Read more...](#)

[Mississippi Moving Forward on Strong Energy Efficiency Initiatives](#)

The following guest blog from Karen Bishop, director of the Mississippi Development Authority's (MDA's) Energy and Natural Resources Division, brings a focus on state efforts to incorporate energy-efficiency initiatives.

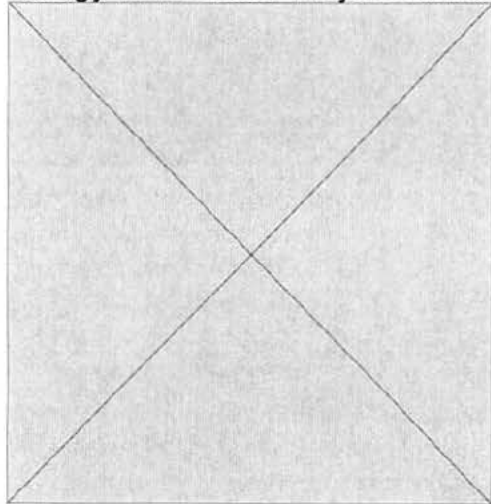
At a time of uncertainty at the federal level on the issue of energy policy, officials in Mississippi are actively working to advance energy-based economic development initiatives in the state. In October 2012, Gov. Phil Bryant rolled out his state energy plan, [Energy Works: Mississippi's Energy Roadmap](#), which outlines a strategy to increase energy-based economic development in the state. The roadmap highlights energy efficiency as a principle area of focus, with the Mississippi Development Authority's Energy and Natural Resources Division promoting the efficient use of energy by state agencies and commercial structures, and undertaking an analysis that could lead to the adoption of efficiency programs and standards in the state. [Read more...](#)

News of Note

Renewable Energy Leaders React Favorably to President's Clean Energy Goals

President Obama used his State of the Union message this week to promise his administration would "speed the (nation's) transition to more sustainable sources of energy."

He said that when he first took office in 2009, "other countries dominated the clean energy market and the jobs that came with it." But he said that scenario is



changing, citing a wind industry that generated nearly half of all new power capacity in America last year, and citing falling solar power prices.

"As long as countries like China keep going all in on clean energy, so must we," Obama said.

Tom Buis, the CEO of Growth Energy, an ethanol manufacturers trade group, said the president outlined "ambitious policy goals for renewable energy," adding that "reducing our dependence on fossil fuels and foreign oil is imperative for developing a sustainable, cleaner fuel for the future."

Buis said that with a "renewed emphasis on sustainable biofuels, our industry will continue to create good paying jobs that cannot be outsourced, revitalize our economy, drive cutting edge research and investment, as well as provide consumers with a choice and savings at the pump, all while reducing our dangerous dependence on foreign oil that costs taxpayers and our military billions."

Bob Dinneen, president and CEO of the Renewable Fuels Association, said biofuels "can provide the eco-boost the U.S. economy needs," citing ethanol's role in "driving economic growth and job creation, especially in rural America."

Dinneen said the ethanol industry "is grateful to President Obama for his vision of a stronger, cleaner, more self-reliant country and his continuing support of the renewable fuels industry and the Renewable Fuel Standard."

Offering similar sentiments was Anne Steckel, vice president of federal affairs at the National Biodiesel Board. She cited the president's "continued focus on climate," stating

the biodiesel industry is poised to play a growing role in cutting greenhouse gas emissions.

"Biodiesel is a practical, cost-effective and bipartisan solution that's here today to address this problem," Steckel said. "President Obama has already proven his strong support for American-made renewable fuels, and we think there is tremendous potential for increasing the role our industry can play."

Biomass Power Association President and CEO Bob Cleaves said the president's second-term agenda, as laid out in the State of the Union address, "contains many initiatives that will benefit the biomass industry. Tax and energy reform, as well as policies to address climate change, will enhance the ability of the biomass industry to serve the nation as a reliable, dependable, renewable energy source."

Cleaves used the occasion to call for a tax code that is "fair and equal for all energy sources," calling for the long-term extension of tax benefits for sustainable energy sources, "so that biomass and other industries can begin to plan for a more stable and productive future."

AWEA Interim CEO Rob Gramlich commended the president for calling on Congress to make the federal renewable energy Production Tax Credit "permanent and refundable, as part of comprehensive corporate tax reform, providing incentives and certainty for investments in new clean energy."

He expressed the industry's gratitude for the president's recognition of the sector's contribution to the nation's electric capacity, noting that "wind power is one of the most beneficial and cost-effective greenhouse gas mitigation technologies available to our nation."

He said utility-scale wind power "was invented here, and increasingly the parts are made-in-the-United States. Domestic content in the U.S. industry is up to nearly 70 percent, from 25 percent just a few years ago. That has created 30,000 American jobs in wind manufacturing, and further brought down the cost of wind energy."

Rhone Resch, president and CEO of the Solar Energy Industries Association, said the president "laid out a vision for the American energy economy that is in line with what SEIA is working to achieve – a robust clean energy industry that powers our homes and businesses while growing our economy and protecting our environment."

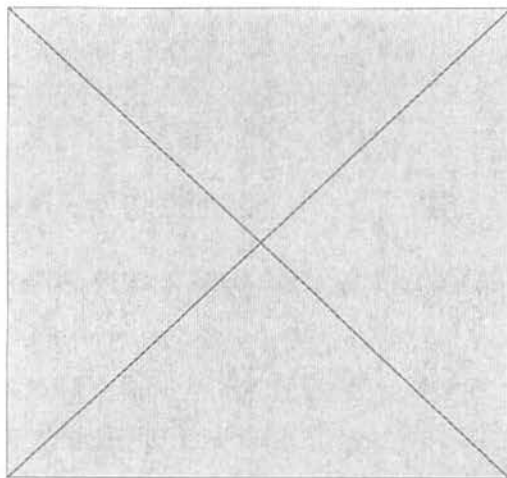
Noting that energy "is a primary input to our nation's economic system," Resch said it was "appropriate that President Obama is placing emphasis on developing our nation's robust clean energy resources to help rebuild the nation's economy."

He said the solar industry was "especially encouraged by the president's commitment to securing America's place as a leader in clean energy innovation throughout the world," echoing the president's sentiment that the United States "must not fall behind other nations as the world shifts to emissions-free clean energy technologies," including solar.

RPS Battleground in Kansas Draws Focus on "Inflated" Claims of Opposition Studies

Reports that the Kansas legislature is to consider legislation repealing the state's Renewable Portfolio Standard (RPS), which requires utilities to generate 20 percent of their electricity from renewable resources by 2020, is prompting a number of rebuttals to economic assertions made in support of repeal.

Kansas is one of 13 states where highly similar studies have been conducted by the Beacon Hill Institute, of Boston's Suffolk University, that the portfolio standard drive up electricity prices, and therefore act as a drag on a state's economy.



Most of the studies are jointly published with other organizations. In Kansas, the Kansas Policy Institute (KPI), which describes itself as "an independent think-tank that advocates for free market solutions and the protection of personal freedom for all Kansans," released a Beacon Hill-based report that claimed the state's 2009 RPS law will raise the cost of electricity by 45 percent in 2020, harm the state's economy, lower employment and decrease investment.

The KPI-Beacon Hill study, like those generated for other states and using essentially the same methodology, has come under critical attack, with a number of experts complaining that it exaggerates the expected cost for renewable power above mainstream forecasts, while maintaining fossil fuel power costs at or below those forecasts. The study then takes the inflated difference and converts it into an increase in customer electricity bills, escalating that increase over time, depending on the individual state's RPS targets.

The Beacon Hill studies go on to argue that the rising electricity costs constitute a state economy-wide "sales tax," which allows Beacon Hill to use a non-transparent economic model to quantify the economic effects of this new "tax," including job losses, and income and investment reductions in an individual state.

However, a [breakdown](#) of the Beacon Hill studies done by Cai Steger, an energy

analyst with the Natural Resources Defense Council, says they apply "a one-sided methodology, driven by the selective picking of outlier studies and data to argue for an unrealistically high cost of renewables and low cost of fossil fuels, while ignoring all elements that could bring the cost of renewables down or fossil prices up."

Steger says the reports ignore any benefits generated by more clean energy, such as lower electricity prices, cleaner air, local job creation, increased lease payments to landowners and increased local tax revenues.

"The end result of the Beacon Hill methodology is an inaccurate, one-sided, cookie cutter study repeated across states and weighted to produce only one conclusion: renewable portfolio standards are bad for a state's economy," Steger concludes. "Given the importance of ensuring a diverse energy future alongside a healthy, growing economy, and the importance of state RPS policies to those efforts, it is critical that [states] have a more reasoned and fair approach to this type of analysis."

When the KPI-Beacon Hill study was released last year, the *Wichita Eagle* reported that, for example, the state's Gray County will collect \$1.2 million in taxes annually from wind turbines, while landowners there will earn more than \$2 million per year over the life of the wind projects, which typically run 20 to 25 years.

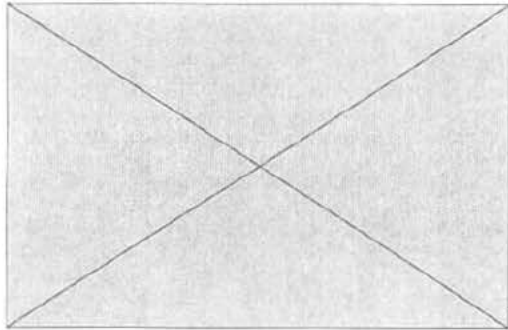
Advocates of the RPS in Kansas say it is a "pro-growth" policy while generating revenue that allows rural municipal governments to provide high quality services. They note that the state doubled installed wind capacity in 2012, moving the state from 14th nationally for installed wind energy into the top 10. Kansas ranks second among all states in potential capacity.

State leaders also point out that the legislation establishing the RPS in Kansas allows utilities to waive compliance if it would cause more than a 1 percent increase in electricity costs.

House Unanimously Approves Measure Boosting Hydropower

Legislation that would encourage small hydropower development and expedite permits for other projects was unanimously approved by the House this week.

The legislation, The Hydropower Regulatory Efficiency Act, [H.R. 267](#), would facilitate the development of small hydropower by exempting "conduits" such as canals, aqueducts and tunnels from federal licensing requirements. It would also boost the power level that requires licensing from 5,000 kilowatts to 10,000.



The measure also calls on the Federal Energy Regulatory Commission to study the feasibility of streamlining the permitting process for larger projects by putting a two-year cap on the permitting process, which currently stands at about five years. The hydropower industry says the short permitting process will boost investment.

A similar measure passed the House in the last Congress, but failed to get to the Senate floor.

Bill co-sponsor, Rep. Cathy McMorris Rodgers, (R-WA), said the measure "streamlines the hydropower permitting process, reducing the burdens impeding developments, and getting low cost power to communities faster."

The National Hydropower Association has said that expediting licensing would add some 60,000 megawatts of hydropower by 2025.

The bill has the support of others in the renewable energy sector due to another provision that would cap the permitting timeline for closed-loop pump storage, a technology that stores energy from intermittent power sources such as wind and solar.

American Rivers, an environmental advocacy group, says the bill would promote small projects that have no effect on surrounding habitat.

McMorris said that hydropower "plays a crucial role in Eastern Washington – whether it's conventional, small, or conduit hydro.

"In fact, hydropower provides 75 percent of electricity to Eastern Washington and to the Pacific Northwest region," she said. "While there are a vast array of renewable energies – including solar, wind, and nuclear power – in my opinion, the facts are clear: the future of American energy independence depends on the development of an 'all of the above' energy approach, including hydro."

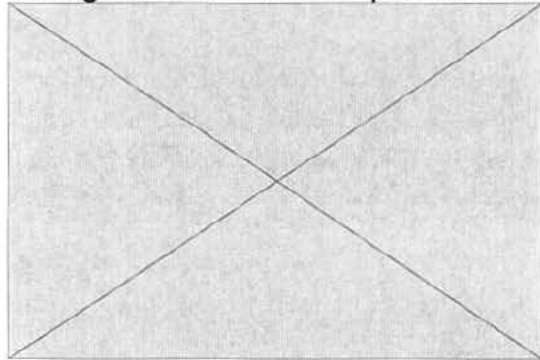
She said the bill "is timely and targeted and will create jobs and bolster America's competitiveness in the energy sector."

The measure has bipartisan support. Other sponsors include Reps. John Dingell, D-MI; Bob Latta, R-OH; Ben Ray Lujan, D-NM; Lee Terry, R-NE; Ed Markey, D-MA; Cory Gardner, R-CO; Jim Matheson, D-UT; and Rep. Greg Walden, R-OR.

ACEEE Releases Energy Efficiency and Pollution Control Calculator

To help meet these demands, the American Council for an Energy-Efficient Economy this week released a tool the group says gives users an idea of the costs and air quality benefits of some basic energy efficiency policies. The [calculator](#) also allows users to compare those options with more piecemeal approaches to reducing air pollution.

In announcing the calculator, the group cites the expectation of a host of federal clean air regulations that will impose restrictions on the emissions of multiple



pollutants from stationary sources such as power plants and industrial facilities. The regulations create a demand for low-cost and rapidly deployable emissions reduction measures and energy efficiency proves to be the least-cost resource when compared with new electricity generation.

The Energy Efficiency and Pollution Control Calculator (EEPC), ACEEE says, is intended to help policymakers, state governments, utility operators and other stakeholders estimate the multi-pollutant air quality benefits of energy efficiency policies and compare both the benefits and the costs with more traditional approaches to reducing pollution.

The group says the results provided by the tool are high-level estimates intended to provide the user with an idea of the magnitude of the costs and the impacts of those options on energy use and pollution.

In the coming months, says ACEEE, additional materials, information, and support will be provided to those working on the clean air issues through the organization's [website](#).

Headlines of Note for the Week Ending Feb. 15, 2013

News of interest to our 25x'25 Partners and advocates for a clean energy future:

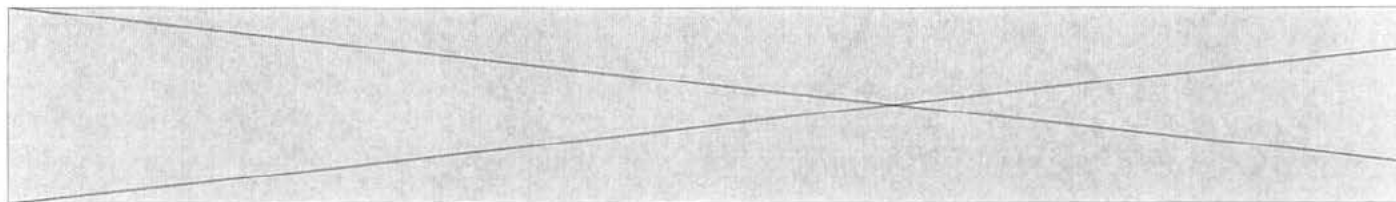
- [10 Huge Lessons We've Learned From Solar Power Success In Germany](#)
- [Energy Innovation and Public Funding](#)
- [New Carbon Films Improve Prospects of Solar Energy Devices](#)
- [Obama and the Reinvention of Energy Efficiency](#)
- [Residential Solar Energy More Viable Than Ever](#)
- [Solar Power Makes Its Mark on Carbon Capture](#)
- [Solar Power Sees Cheaper Prices](#)

- [Weighing Obama's SOTUS Proposal: More Oil Drilling to Fund Clean Energy?](#)
- [Wind Energy Jobs Trickle Back Post Wind Tax Credit Extension](#)
- [Wind Power Capacity Grew 20% Globally in 2012, Figures Show](#)
- [Wind Power Is Now Cheaper Than Coal in Some Countries](#)
- [Wind Tops U.S. Sources of New Electricity Generation in 2012](#)

UPCOMING EVENTS

Other events of interest to 25x'25 partners and other renewable energy stakeholders can be found by clicking [here](#).

25x'25 SPONSORS



Join us on [Facebook](#) and follow us on [Twitter](#)!

25x'25 Alliance | 1430 Front Avenue | Lutherville | MD | 21093

To unsubscribe from this newsletter, please click [here](#).

To: (b) (6)
From: Brooke Coleman
Sent: Fri 2/15/2013 4:32:48 PM
Subject: Fwd: Joint Statement: Advanced Biofuel Organizations Set the Record Straight on API's Latest RFS Distortions and Attacks
MAIL_RECEIVED: Fri 2/15/2013 4:33:09 PM
(b) (6)
[Click here to unsubscribe instantly](#)
[preferences](#)
[View in your browser](#)
[Forward to a friend](#)

Fyi. Starting process.

----- Original message -----

Subject: Joint Statement: Advanced Biofuel Organizations Set the Record Straight on API's Latest RFS Distortions and Attacks
From: Christina Martin <(b) (6)>
To: Brooke Coleman <(b) (6)>
Cc:

Joint Statement: Advanced Biofuel Organizations Set the Record Straight on API's Latest RFS Distortions and Attacks

(February 15, 2013) WASHINGTON — The American Petroleum Institute (API) is once again misleading Congress and the general public about the Renewable Fuel Standard (RFS); this time, as it pertains to a January 2012 ruling by the U.S. Court of Appeals for the D.C. Circuit. The ruling ordered the Environmental Protection Agency (EPA) to reconsider the 2012 RFS obligation for cellulosic biofuels but rejected all other complaints brought by API. API now wants to pressure EPA to do what the Court would not.

In a new letter sent this week to EPA Assistant Administrator Gina McCarthy, API now says that zeroing out the 2012 obligation is the only proper implementation of the Court's ruling. But in its own brief to the Court, API acknowledged that EPA's prediction should not be zero, indicating, "EPA's projection should not be unrealistically low, but it also may not be unrealistically high." API also claimed to the Court that its members paid \$17 million in compliance costs for the RFS, when public records available at the time showed the true cost to be a fraction of that amount.

"The cellulosic biofuel industry now has facilities under construction and starting up in 20 states, representing billions of dollars in private investment," said Brooke Coleman, executive director of the Advanced Ethanol Council. "API's strategy on the RFS is simple: create as much uncertainty and doubt around the program as possible to scare off investors from advanced biofuels. They have lost 10 percent of their market share to domestically produced renewable fuels to date, and they are not going to let the truth stand in the way of their efforts to short-circuit this incredibly successful program."

Brent Erickson, executive vice president of the Biotechnology Industry Organization's Industrial & Environmental Section, added, "API is trying to re-litigate in the press the issues it lost in court. The Court recognized EPA's authority to administer the rules for the RFS, and EPA should reject this attempt to spin that decision. It is interesting that just as reputable companies such as DuPont, INEOS, POET-DSM, and Abengoa are actually getting steel in the ground and building commercial cellulosic biorefineries, API is turning on the crocodile tears and ramping up gross distortions in a desperate and foolish effort to derail American biotech innovation for new and cleaner transportation fuels. They want to strangle the infant cellulosic biofuel industry in the cradle in order to keep Americans captive consumers of high-priced foreign oil."

Advanced biofuel companies across the United States have invested in technology development and construction of first-of-a-kind commercial scale refineries for cellulosic and other advanced biofuels. API is decrying the new EPA proposal to blend 14 million gallons of cellulosic biofuels in 2013, saying the fuel does not exist. In reality, EPA's targets are based on production capacities of plants that are already built.

Advanced biofuel trade organizations today opposed API's request and recommended that EPA follow the Court's direction and remain consistent in its thoughtful implementation of the program's rules, despite the delays and interference already caused by API's multiple lawsuits.

Contact:

Christina Martin

Executive Vice President

Renewable Fuels Association

(b) (6)

(b) (6)

You are receiving this email because you signed up at our website or have a prior relationship with the RFA. Not interested anymore? [Click here to unsubscribe instantly.](#)

[Change your preferences.](#) [View in your browser.](#) [Forward to a friend.](#)

© 2013 Renewable Fuels Association. All rights reserved.

To: (b) (6)
From: Brent Erickson
Sent: Fri 2/15/2013 7:30:29 PM
Subject: API Asks EPA to Zero Out 2012 Cellulosic Biofuel Standard
MAIL_RECEIVED: Fri 2/15/2013 7:30:32 PM

FYI

Brent Erickson

Sent: Friday, February 15, 2013 2:27:12 PM
2013-02-15 02:27:03 EST

***Update: API Asks EPA to Zero Out 2012 Cellulosic Biofuel Standard

(Adds EPA comment.)

The American Petroleum Institute (API) is asking EPA to retroactively set its 2012 cellulosic biofuel carve-out of the renewable fuels standard (RFS2) at zero, citing a recent federal court decision vacating the decision.

On Jan. 25, the U.S. Court of Appeals for the District of Columbia Circuit agreed with API that EPA's volumetric targets for cellulosic ethanol (at 8.65 million gal for 2012) were "in excess of the agency's statutory authority." The cellulosic biofuel standard should be set on what will "actually happen," the court ruled.

"As a result of the D.C. Circuit's decision, obligated parties are not subject to a cellulosic biofuel obligation for 2012," Bob Greco, API group director of Downstream and Industry Operations, wrote to EPA on Feb. 12. "Although the court's mandate may not issue until after the Feb. 28 compliance date, requiring obligated parties to purchase waiver credits and then immediately seek a full refund from EPA after the court's mandate issues would impose a wasteful and needless burden on both obligated parties and the EPA.

Accordingly, API seeks EPA's confirmation that obligated parties are not required to purchase waiver credits pending a remand to the agency," he wrote.

The cellulosic biofuel industry has been slow to commercialize and only in 2012 -- for a small 25,000 gal -- has there been any commercial production, according to EPA data.

In a statement sent to OPIS, EPA said it "will review the letter and respond."

However, several biofuel groups disagreed with API's request. "The cellulosic biofuel industry now has facilities under construction and starting up in 20 states, representing billions of dollars in private investment," said Brooke Coleman, executive director of the Advanced Ethanol Council. "API's strategy on the RFS is simple: create as much uncertainty and doubt around the program as possible to scare off investors from advanced biofuels. They have lost 10% of their market share to domestically produced renewable fuels to date, and they are not going to let the truth stand in the way of their efforts to short-circuit this incredibly successful program," he said.

"API is trying to re-litigate in the press the issues it lost in court," said Brent Erickson, executive vice president of the Biotechnology Industry Organization's Industrial & Environmental Section. "The Court recognized EPA's authority to administer the rules for the RFS, and EPA should reject this attempt to spin that decision. It is interesting that just as reputable companies such as DuPont, INEOS, POET-DSM and Abengoa are actually getting steel in the ground and building commercial cellulosic biorefineries, API is turning on the crocodile tears and ramping up gross distortions in a desperate and foolish effort to derail

American biotech innovation for new and cleaner transportation fuels. They want to strangle the infant cellulosic biofuel industry in the cradle in order to keep Americans captive consumers of high- priced foreign oil," he added.

-Rachel Gantz, (b) (6)

Copyright, Oil Price Information Service

You are currently subscribed to opisethanol as: (b) (6)

To unsubscribe, please send your request via email to (b) (6) To find out more about OPIS visit us @ <http://www.opisnet.com>

To: (b) (6) (b) (6)

Cc: []

Bcc: []

From: CN=P (b) (6)

Sent: Wed 1/2/2013 7:22:46 PM

Subject: Re: Back at work?

(b) (6)

www.hklaw.com

[Add to address book](#)

[View professional biography](#)

I'm here. Ring when you want.

Paul N. Argyropoulos

Senior Policy Advisor

Office of Transportation & Air Quality

US Environmental Protection Agency

Office Phone: (b) (6)

Mobile: (b) (6)

Email: (b) (6)

Website: www.epa.gov/otaq

From: <(b) (6)>

To: (b) (6)

Date: 01/02/2013 02:21 PM

Subject: Back at work?

Paul: (b) (6) Want to catch you up on a meeting I had.

Michael McAdams | Holland & Knight

Sr Policy Advisor

800 17th Street, NW Suite 1100 | Washington DC 20006

Phone (b) (6) | Fax (b) (6)

(b) (6)

[Add to address book](#) | [View professional biography](#)

****IRS CIRCULAR 230 DISCLOSURE: TO ENSURE COMPLIANCE WITH REQUIREMENTS IMPOSED BY THE IRS, WE INFORM YOU THAT ANY TAX ADVICE CONTAINED IN THIS COMMUNICATION (INCLUDING ANY ATTACHMENTS) IS NOT INTENDED OR WRITTEN BY HOLLAND & KNIGHT LLP TO BE USED, AND CANNOT BE USED, FOR THE PURPOSE OF (I) AVOIDING TAX-RELATED PENALTIES UNDER THE INTERNAL REVENUE CODE, OR (II) PROMOTING, MARKETING, OR RECOMMENDING TO ANOTHER PARTY ANY TAX-RELATED MATTER HEREIN. ****

NOTE: This e-mail is from a law firm, Holland & Knight LLP ("H&K"), and is intended solely for the use of the individual(s) to whom it is addressed. If you believe you received this e-mail in error, please notify the

sender immediately, delete the e-mail from your computer and do not copy or disclose it to anyone else. If you are not an existing client of H&K, do not construe anything in this e-mail to make you a client unless it contains a specific statement to that effect and do not disclose anything to H&K in reply that you expect it to hold in confidence. If you properly received this e-mail as a client, co-counsel or retained expert of H&K, you should maintain its contents in confidence in order to preserve the attorney-client or work product privilege that may be available to protect confidentiality.

To: (b) (6) (b) (6)
Cc: []
Bcc: []
From: CN=Paul Argyropoulos/OU=DC/O=USEPA/C=US
Sent: Wed 1/30/2013 8:58:54 PM
Subject: Re: FW: BIOFUELS UPDATE: ***Ethanol Groups Urging EPA to Reduce Advanced Biofuel Pool

Thanks. Heard about the WSJ piece. The fun continues/

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: (b) (6)
Mobile: (b) (6)
Email: (b) (6)
Website: www.epa.gov/otaq

From: <(b) (6)>
To: Paul Argyropoulos/DC/USEPA/US@EPA
Date: 01/30/2013 03:51 PM
Subject: FW: BIOFUELS UPDATE: ***Ethanol Groups Urging EPA to Reduce Advanced Biofuel Pool

Cats out of the bag, did you see the Wall Street Journal piece.

Michael McAdams | Holland & Knight
Sr Policy Advisor
800 17th Street, NW Suite 1100 | Washington DC 20006
Phone (b) (6) | Fax (b) (6)
(b) (6) | www.hklaw.com

[Add to address book](#) | [View professional biography](#)

-----Original Message-----

From: (b) (6) [mailto:(b) (6)]
Sent: Wednesday, January 30, 2013 3:36 PM
To: OPIS Ethanol Updates
Subject: BIOFUELS UPDATE: ***Ethanol Groups Urging EPA to Reduce Advanced Biofuel Pool

2013-01-30 03:36:00 EST
***Ethanol Groups Urging EPA to Reduce Advanced Biofuel Pool

The Renewable Fuels Association (RFA) and Growth Energy, two of the largest U.S. corn-based ethanol trade groups, are urging EPA to reduce the advanced biofuel pool in the upcoming 2013 renewable fuels standard (RFS2) to prevent surging Brazilian sugarcane ethanol imports.

The two biofuel groups delivered that message earlier this month at a White House Office of Management and Budget meeting to discuss the 2013 RFS2 renewable volume obligations.

According to one of two documents presented at the Jan. 4 meeting, and provided on OMB's website, the "decline in U.S. [ethanol] production since June [2012] has been largely offset by surging imports from Brazil. Thus, U.S. ethanol stocks remain high relative to demand," the document explained, noting that the U.S. is on pace for 400-450 million gal of imports. Additionally, "[i]mports encouraged by the advanced biofuel RIN value (currently around 45 cts/gal)," the document noted. On Tuesday, OPIS assessed 2012 advanced biofuel RINs at 38.5 cts/gal.

The request comes as at least 359 million gal/yr of U.S. ethanol capacity is currently idle after a spate of recent shutdown announcements, including Abengoa's 88-million gal/yr Ravenna and 55-million gal/yr York, Neb., plants, the 60-million gal/yr Aemetis plant in Keyes, Calif., White Energy's 110-million gal/yr Plainview, Texas, plant and POET's 46-million gal/yr Macon, Mo., facility due to halt output Feb. 1.

Neither RFA nor Growth Energy returned requests for comment by presstime, although RFA President Bob Dinneen told the Wall Street Journal earlier today that he was "concerned that at a time when the U.S. industry is having to shut down plants because of a lack of marketplace opportunities, the EPA has provided an incentive to import more Brazilian ethanol."

Two sources in the biofuels industry told OPIS the request from RFA and Growth Energy has more to do with the impending 10% ethanol blendwall, whereby 10% ethanol blends have nearly saturated the fuel market. Under RFS2, corn-based ethanol is capped at 15 billion gal, but if EPA reduces the advanced biofuel pool of the overall requirement, then more corn-based ethanol could meet RFS2, sources explained.

"The U.S. corn ethanol industry is overproducing, faced with its blendwall and opposition for higher blends, and doesn't want competition from any other product," said one biofuels source. "Today, they are going after sugarcane ethanol and biodiesel [which can also qualify in the advanced biofuel pool], but tomorrow they will go after the cellulosic and algae fuels or anything else that threatens their monopoly on the RFS," the source added.

However, one ethanol industry source disagreed, saying "our concern has nothing to do with biodiesel or advanced biofuels," the source said. "We welcome as much of that as possible. But if past is prologue, much of that additional volume will be imported ethanol and that is hurting U.S. companies and American consumers," the source added.

None of the groups representing fuels that currently qualify in the advanced biofuel pool want it rejiggered.

"Brazilian sugarcane ethanol is a clean and affordable renewable fuel that cuts dependence on oil, and it's one of the few biofuels to meet EPA's strict 'advanced' RFS designation because it cuts greenhouse gases by up to 90%," explained Leticia Phillips, the North American representative for

Brazilian sugarcane industry trade group UNICA. "The idea of having a specific slot for advanced biofuels like sugarcane ethanol is precisely to stimulate market demand for cleaner fuels. Reducing the allowance would be a step backwards for the entire program, creating uncertainty and running counter to the intention of cutting climate-changing emissions," she said.

"UNICA hopes EPA does what it has always done when asked to make any type of change to ethanol volumes established in the RFS, and that is to turn down such requests and protect the integrity of the program," Phillips added.

Similar comment came from the National Biodiesel Board. "The renewable fuels industry for years has been united around the goal of increasing the production of advanced biofuels," said Anne Steckel, vice president of federal affairs for the trade group. "We believe the EPA has established reasonable, sustainable production targets and that it would be a real mistake to retreat from those targets now. The biodiesel industry already is accounting for the vast majority of our advanced biofuel production, and while market dynamics are difficult to predict with certainty, we believe the industry will continue to fill an increasing amount of this market as well, including significantly this year," she added.

Michael McAdams, president of the Advanced BioFuels Association, was equally against any rejiggering of the advanced biofuel bucket. "It is extremely important to celebrate the success of the advanced biofuels industry," he said. "It took the ethanol industry 20 years to deliver 2 billion gallons," he said, noting that the advanced biofuels industry produced 2.25 billion gal in 2012 (above the 2 billion gal originally intended by EPA). "That's a great accomplishment to be proud of," he said.

To change the growth trajectory for the advanced biofuel pool would be "bad policy," McAdams continued. "What the advanced biofuels industry needs more than anything else is certainty," he added.

-Rachel Gantz, (b) (6)

Copyright, Oil Price Information Service

You are currently subscribed to opisethanol as: (b) (6)
To unsubscribe, please send your request via email to (b) (6)
To find out more about OPIS visit us @ <http://www.opisnet.com>

****IRS CIRCULAR 230 DISCLOSURE: TO ENSURE COMPLIANCE WITH REQUIREMENTS IMPOSED BY THE IRS, WE INFORM YOU THAT ANY TAX ADVICE CONTAINED IN THIS COMMUNICATION (INCLUDING ANY ATTACHMENTS) IS NOT INTENDED OR WRITTEN BY HOLLAND & KNIGHT LLP TO BE USED, AND CANNOT BE USED, FOR THE PURPOSE OF (I) AVOIDING TAX-RELATED PENALTIES UNDER THE INTERNAL REVENUE CODE, OR (II) PROMOTING, MARKETING, OR RECOMMENDING TO ANOTHER PARTY ANY TAX-RELATED MATTER HEREIN.****

NOTE: This e-mail is from a law firm, Holland & Knight LLP ("H&K"), and is intended solely for the use of the individual(s) to whom it is addressed. If you believe you received this e-mail in error, please notify the sender immediately, delete the e-mail from your computer and do not copy or disclose it to anyone else. If you are not an existing client of H&K, do not construe anything in this e-mail to make you a client unless it contains a specific statement to that effect and do not disclose anything to H&K in reply that you expect it to hold in confidence. If you properly received this e-mail as a client, co-counsel or retained expert of H&K, you should maintain its contents in confidence in order to preserve the attorney-client or work product privilege that may be available to protect confidentiality.

To: (b) (6)
Cc: []
Bcc: []
From: CN=(b) (6)
Sent: Mon 2/11/2013 7:58:27 PM
Subject: Hey, What's Tysons Interest in tomorrow meeting again?

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: (b) (6)
Mobile: (b) (6)
Email: (b) (6)
Website: www.epa.gov/otaq

To: Larry Schafer (b) (6)
Cc: []
Bcc: []
From: CN=(b) (6)
Sent: Fri 1/4/2013 12:32:34 PM
Subject: Re: Do you have a minute this am?

(b) (6)
www.americasadvancedbiofuel.com

you can call me now.....

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: 1-202-564-1123
Mobile: 202-577-9354
Email: (b) (6)
Website: www.epa.gov/otaq

From: Larry Schafer <(b) (6)>
To: Paul Argyropoulos/DC/USEPA/US@EPA
Date: 01/04/2013 07:31 AM
Subject: Do you have a minute this am?

2 quick questions ...

Thanks

Larry Schafer
National Biodiesel Board

O: (b) (6)

M: (b) (6)

(b) (6)

Biodiesel – America's Advanced Biofuel!
www.americasadvancedbiofuel.com

1331 Pennsylvania Ave. NW
Suite 505
Washington DC 20004

To: "Larry Schafer" (b) (6)
From: CN=Paul Argyropoulos/OU=DC/O=USEPA/C=US
Sent: Mon 1/28/2013 3:57:04 PM
Subject: Re: Question

Nope.
Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation and Air Quality
US. EPA
Email: (b) (6)
Phone: (b) (6)
Mobile: (b) (6)

From: Larry Schafer (b) (6)
Sent: 01/28/2013 10:54 AM EST
To: Paul Argyropoulos
Subject: Question

Paul

Do u expect the Fridays court deciision on cellulosic will delay the 2013 RVO announcement?

=====
Larry Schafer

The Diamond Group
(b) (6)

National Biodiesel Board
(b) (6)

T: (b) (6)
O: (b) (6)

=====

To: Larry Schafer (b) (6)
Cc: []
Bcc: []
From: CN=(b) (6) S
Sent: Tue 1/29/2013 7:04:11 PM
Subject: Re: guessing you know ...
(b) (6)
www.americasadvancedbiofuel.com

Where did you get that info?????

Not sure it's 100 percent accurate.

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: (b) (6)
Mobile: (b) (6)
Email: (b) (6)
Website: www.epa.gov/otaq

From: Larry Schafer <(b) (6)>
To: Paul Argyropoulos/DC/USEPA/US@EPA
Date: 01/29/2013 02:02 PM
Subject: guessing you know ...

RVO ... was signed last night and may be posted today ?

Larry Schafer
National Biodiesel Board
O: (b) (6)
M: (b) (6)
(b) (6)

Biodiesel – America's Advanced Biofuel!
www.americasadvancedbiofuel.com

1331 Pennsylvania Ave. NW
Suite 505
Washington DC 20004

To: Larry Schafer (b) (6)
Cc: [REDACTED]
Bcc: [REDACTED]
From: (b) (6)
Sent: Wed 1/30/2013 7:00:26 PM
Subject: RE: Follow up

Not sure I'm preparing anything yet. Maybe a few slides.

However, what are the "6" things you wanted me to cover?

Volume Standards
New Pathway Rules
Home heating oil rule
Etc??????

BTW -- I will not address RIN Integrity (Byron is) nor will I address wastes.

Thanks, Paul

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: (b) (6)
Mobile: (b) (6)
Email: (b) (6)
Website: www.epa.gov/otaq

From: Larry Schafer <(b) (6)>
To: Paul Argyropoulos/DC/USEPA/US@EPA
Date: 01/29/2013 11:05 AM
Subject: RE: Follow up

Perfect ... that works

If you do a PPT, they can drop your presentation into the video ... (like magic) ...

We are in Suite 505 ...

Thanks ...

Larry Schafer
National Biodiesel Board
O: (b) (6)
M: (b) (6)
(b) (6)

Biodiesel – America's Advanced Biofuel!
www.americasadvancedbiofuel.com

1331 Pennsylvania Ave. NW
Suite 505
Washington DC 20004

-----Original Message-----

From: (b) (6) [mailto:(b) (6)]

Sent: Tuesday, January 29, 2013 11:04 AM

To: larryschafer18

Subject: Re: Follow up

How about 11.

Paul N. Argyropoulos

Senior Policy Advisor

Office of Transportation and Air Quality US. EPA

Email: (b) (6)

Phone: (b) (6)

Mobile: (b) (6)

----- Original Message -----

From: "Larry Schafer" (b) (6)

Sent: 01/29/2013 03:44 PM GMT

To: Paul Argyropoulos

Subject: Re: Follow up

What time works ...

-----Original Message-----

From: (b) (6)

To: Larry Schafer

Subject: Re: Follow up

Sent: Jan 29, 2013 10:40 AM

Yes.

Paul N. Argyropoulos

Senior Policy Advisor

Office of Transportation and Air Quality US. EPA

Email: (b) (6)

Phone: (b) (6)

Mobile: (b) (6)

----- Original Message -----

From: "Larry Schafer" (b) (6)

Sent: 01/29/2013 03:38 PM GMT

To: Paul Argyropoulos

Subject: Follow up

Paul

Any chance u can do the filming on Thursday rather than Friday?

Larry Schafer

The Diamond Group
-- and --
National Biodiesel Board

(b) (6)
(b) (6)
(b) (6)

T: (b) (6)
O: (b) (6)

Larry Schafer

The Diamond Group
-- and --
National Biodiesel Board

(b) (6)
(b) (6)
(b) (6)

T: (b) (6)
O: (b) (6)

To: Larry Schafer (b) (6)
Cc: []
Bcc: []
From: CN=(b) (6)
Sent: Mon 2/11/2013 6:28:44 PM
Subject: Re: biodiesel tax incentive slides
(b) (6)

www.americasadvancedbiofuel.com

Very much. Thanks.

Paul N. Argyropoulos
Senior Policy Advisor
Office of Transportation & Air Quality
US Environmental Protection Agency
Office Phone: (b) (6)
Mobile: (b) (6)
Email: (b) (6)
Website: www.epa.gov/otaq

From: Larry Schafer <(b) (6)>
To: Paul Argyropoulos/DC/USEPA/US@EPA
Date: 02/11/2013 01:13 PM
Subject: biodiesel tax incentive slides

Paul,

Here is the background information you requested.

The biodiesel, renewable diesel and renewable aviation tax credit.

Diesel fuel excise tax is 24.4 cents per gallon.

The biodiesel tax credit is \$1.00 -- it is a credit against excise tax.

It is refundable (if you have no excise tax liability, then you are still able to receive the tax credit)

In order to take the credit, you must blend biodiesel with diesel fuel -- this happens two ways:

1. Biodiesel producers blend B99 (0.1 percent diesel with 99.9% biodiesel) at the biodiesel plant -- when they do biodiesel producers are eligible to take the credit -- and they pass a portion of the tax credit to whoever purchases the biodiesel from them.
2. Petroleum blenders blend B100 with diesel fuel (usually a B2 to B14 blend) -- when this happens the biodiesel producer sells B100 and negotiates up front whether they retain any value of the credit before they sell it -- under this example -- the blender (the petroleum company, or the discretionary blender (Loves, Pilot, etc.)) takes the tax credit. The blenders are the "blender of record" and are subject to excise tax 24.4 cents on each gallon of fuel they put into the market place (because they are putting a taxable fuel into the market place) ...

If you produce the biodiesel in another country then you can sell it as B100 in the United States – the company you sell it to, can then take the tax credit on it --- When produced outside of the United States the product cannot be exported.

Does this help?

I have attached some slides and some instructions ... also included below ...

Let me know if you need more ...

Line 2. Biodiesel or Renewable Diesel Mixture Credit

Claimant. The person that produced and sold or used the mixture in their trade or business is the only person eligible to make this claim. The credit is based on the gallons of biodiesel or renewable diesel in the mixture. The biodiesel used to produce the biodiesel mixture must meet ASTM D6751 and meet the Environmental Protection Agency's (EPA) registration requirements for fuels and fuel additives under section 211 of the Clean Air Act. The renewable diesel used to produce the renewable diesel mixture must be derived from biomass, meet EPA's registration requirements for fuels and fuel additives under section 211 of the Clean Air Act, and meet ASTM D975, D396, or other equivalent standard approved by the IRS. Renewable diesel also includes fuel derived from biomass that meets a Department of Defense specification for military jet fuel or an ASTM specification for aviation turbine fuel. For a renewable diesel mixture used in aviation, kerosene is treated as if it is diesel fuel.

Claim requirements. The biodiesel mixture credit may not be claimed for biodiesel produced outside the United States for use as a fuel outside the United States. The United States includes any possession of the United States. The following requirements must be met.

1. The claim must be for a biodiesel or renewable diesel mixture sold or used during a period that is at least 1 week.
2. The claimant has a certificate from the producer. See Certificate below for details.
3. The amount of the claim must be at least \$200 unless the claim is filed electronically. To meet the minimum, amounts from lines 1, 2, and 3 may be combined.

4. The claim must be filed by the last day of the first quarter following the earliest quarter of the claimant's income tax year included in the claim. For example, a calendar-year claimant's claim for a biodiesel mixture sold or used during June and July must be filed by September 30.

Certificate. The Certificate for Biodiesel and, if applicable, Statement of Biodiesel Reseller must be attached to the first claim filed that is supported by the certificate or statement. For the renewable diesel mixture credit, you must edit the certificate and, if applicable, statement to indicate that the fuel to which the certificate and statement relate is renewable diesel and state the renewable diesel meets the requirements discussed earlier under Claimant. See Model Certificate O and Model Certificate S in Pub. 510. If the certificate and statement are not attached to Schedule 3 because they are attached to a previously-filed claim on Schedule C (Form 720), attach a separate sheet with the following information.

1. Certificate identification number.
2. Total gallons of biodiesel or renewable diesel on certificate.
3. Total gallons claimed on Schedule C (Form 720), line 13.

How to claim the credit. Any biodiesel or renewable diesel mixture credit must first be taken on Schedule C to reduce your taxable fuel liability for gasoline, diesel fuel, and kerosene reported on Form 720. Any excess credit may be taken on Schedule C (Form 720), Form 8849, Form 4136, or Form 8864. See Notice 2005-4 and Notice 2005-62 for more information.

Larry Schafer
National Biodiesel Board

O: (b) (6)

M: (b) (6)

(b) (6)

Biodiesel – America's Advanced Biofuel!
www.americasadvancedbiofuel.com

1331 Pennsylvania Ave. NW
Suite 505
Washington DC 20004

[attachment "Biodiesel - Fuels Tax Deck (Petro - Biodiesel) (1-8-13).pptx" deleted by Paul Argyropoulos/DC/USEPA/US] [attachment "8849 Schedule 3.pdf" deleted by Paul Argyropoulos/DC/USEPA/US]
[attachment "8849.pdf" deleted by Paul Argyropoulos/DC/USEPA/US]